

शासकीय / निमशासकीय सेवेत नियुक्त झालेले /  
होणा-या अंध/ क्षीणदृष्टी कर्मचा-यांना सहाय्यक  
तंत्रज्ञान / उपकरणे उपलब्ध करून देण्याबाबत.

**महाराष्ट्र शासन**

**सामाजिक न्याय व विशेष सहाय्य विभाग,**

शासन निर्णय क्रमांक :- न्यायाप्र- २०११/ प्र.क्र. ४ / सुधार -३

मादाम कामा रोड, हुतात्मा राजगुरु चौक,

मंत्रालय, मुंबई - ४०० ०३२

दिनांक :- ३ जून, २०११.

**वाचा:-** १) अपंग व्यक्ती (समान संधी, हक्कांचे संरक्षण व संपूर्ण सहभाग)

अधिनियम १९९५

२) शासन निर्णय, सामाजिक न्याय व विशेष सहाय्य विभाग क्र. न्यायाप्र -२०११/  
प्र.क्र. ४ / सुधार -३, दिनांक १७ मार्च, २०११.

३) समक्रमांकाचा दि. २७/०४/२०११ चा शासन निर्णय

**शासन निर्णय:-**

वरील अनुक्रमांक ३ येथील समक्रमांकाच्या दिनांक २७/४/२०११ च्या शासन निर्णयान्वये शासकीय व निमशासकीय सेवेतील पूर्णतः अंध व क्षीणदृष्टी कर्मचाऱ्यांसाठी तसेच भविष्यात नियुक्त होणाऱ्या अशा कर्मचाऱ्यांसाठी निश्चित केलेले सहाय्यक तंत्रज्ञान व उपकरणांची यादी प्रसिध्द करण्यात आली आहे. त्या यादीतील सहाय्यक तंत्रज्ञान व उपकरणांच्या किंमती ठरविण्याबाबतचा प्रस्ताव शासनाच्या विचाराधीन होता.

२. या शासन निर्णयान्वये राज्य शासनाच्या अखत्यारीतील शासकीय व निमशासकीय तसेच अनुदान प्राप्त संस्थेच्या आस्थापनेवर खुल्या प्रवर्गातून अथवा अपंगाच्या आरक्षित पदांवर नियुक्त झालेले व भविष्यात नियुक्त होणा-या पूर्णतः अंध व क्षीणदृष्टी अधिकारी / कर्मचारी यांना त्यांची कर्तव्ये व जबाबदा-या पार पाडण्यासाठी सोबतच्या यादीतील आवश्यक असणारे सहाय्यक तंत्रज्ञान व उपकरणे उपलब्ध करून द्यावयाची आहेत. सदर उपकरणांपैकी जी उपकरणे केवळ एकाच उत्पादकाकडून उत्पादित करण्यात येतात अशा उपकरणांचे दर ठरविण्यासाठी गठित केलेल्या समितीच्या वेळोवेळी बैठका झाल्या. त्यामध्ये उत्पादक कंपनीशी वाटाघाटी करून दर निश्चित करण्यात आलेले आहेत. त्याबाबतची यादी सोबत जोडली आहे. सदर यादीतील उपकरणे संबंधित कर्मचाऱ्यांना त्यांच्या मागणीप्रमाणे उपलब्ध करून देण्यात यावी असे आदेश या शासन निर्णयान्वये देण्यात येत आहेत.

३. शासन असे ही आदेश देत आहे की, संबंधित कर्मचाऱ्यास दोन पेक्षा जास्त नाही इतके सहाय्यक तंत्रज्ञान उपकरणे विभागांनी मागणीनुसार उपलब्ध करून द्यावीत. शासन निर्णय दिनांक २७.४.२०११ सोबतच्या यादीतील जी उपकरणे एकापेक्षा जास्त उत्पादकाकडून उत्पादित केली जातात व ज्या उपकरणांची किंमत रुपये ५०,०००/- पेक्षा कमी आहे अशी उपकरणे मागणीनुसार संबंधित विभागांनी विहित कार्यपद्धतीनुसार खरेदी करून ती अपंग कर्मचाऱ्यांना उपलब्ध करून द्यावीत. व ज्या उपकरणांचे दर रुपये ५०,०००/- पेक्षा जास्त आहेत त्यांचे दर यथावकाश निश्चित करण्यात येतील. यासाठी सर्व विभागांनी त्यांच्याकडे कार्यरत असलेल्या अपंग कर्मचाऱ्यांकडून मागणी प्राप्त करून घेऊन या विभागास एकत्रितरित्या १५ दिवसात माहिती उपलब्ध करून द्यावी.

४. वरीलप्रमाणे तयार करण्यात आलेली सहाय्यक तंत्रज्ञान व उपकरणाची यादी सर्वसमावेशक नसून त्यामध्ये आवश्यकतेप्रमाणे वेळोवेळी बदल होण्याची शक्यता आहे. ही यादी ०१ जून, २०११ ते ३० जून २०१२ पर्यंत वैध राहिल. या यादीमध्ये काही बदल करावयाचा असेल किंवा त्यामध्ये काही उपकरणांचा नव्याने समावेश करावयाचा असेल तर, संबंधित विभागाने समर्थनात्मक कारणांसह सविस्तर प्रस्ताव सामाजिक न्याय व विशेष सहाय्य विभागास सादर करावा. त्यावर विभागामार्फत गाठित केलेल्या समितीच्या मान्यतेने निर्णय घेण्यात येईल. यादीतील सहाय्यक उपकरणे व पुरवठादारांना सामाजिक न्याय व विशेष सहाय्य विभागाकडून प्रोप्रायटरी आर्टिकल प्रमाणपत्र देण्यात आलेले आहे.

५. वरीलप्रमाणे यादीनुसार खरेदी केलेल्या सहाय्यक तंत्रज्ञान व उपकरणांचा संपूर्ण तपशिल कर्मचाऱ्यांच्या नावांसह विभागांनी सामाजिक न्याय व विशेष सहाय्य विभागास पाठवावा.

६. खरेदी करण्यात येणा-या सहाय्यक तंत्रज्ञान व उपकरणांसाठी येणा-या खर्चासाठी विहित कार्यपद्धतीनुसार संबंधित विभागाने आवश्यक ती तरतुद अर्थसंकल्पात उपलब्ध करून घ्यावी.

७. सदर शासन निर्णय संबंधित मंत्रालयीन विभागाने आपल्या नियंत्रणाखालील सर्व विभाग प्रमुख, प्रादेशिक विभाग प्रमुख व कार्यालय प्रमुख तसेच महामंडळे, नगरपालिका, महानगरपालिका, जिल्हा परिषदा, मंडळे, सार्वजनिक उपक्रम, अनुदान प्राप्त संस्था यांना तातडीने पाठवावा व त्याप्रमाणे विहित मुदतीत कार्यवाही करण्याच्या सूचना त्यांना द्याव्यात, असेही आदेश देण्यात येत आहेत.

सदरहू शासन निर्णय शासनाच्या वेब साईटवर प्रसिध्द करण्यात आला असून, त्याचा संगणक सांकेतांक क्र. २०११०६०४१०४२०१००१ असा आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

  
( ज. न. राठोड )

सह सचिव, महाराष्ट्र शासन.

प्रति :-

मा. राज्यपालांचे सचिव,

मा. मुख्यमंत्री यांचे प्रधान सचिव

मा. उपमुख्यमंत्री यांचे उप सचिव

मा. मंत्री (सा.न्या) यांचे खाजगी सचिव

मा. राज्यमंत्री (सा.न्या) यांचे खाजगी सचिव

सर्व अप्पर मुख्य सचिव / प्रधान सचिव / सचिव मंत्रालयीन प्रशासकीय विभाग, मंत्रालय, मुंबई

महासंचालक, माहिती व जनसंपर्क संचालनालय, महाराष्ट्र राज्य, मुंबई (प्रसिध्दीसाठी)

सचिव, महाराष्ट्र लोकसेवा आयोग, बँक ऑफ इंडिया बिल्डींग, हुतात्मा चौक, मुंबई (पत्राने)

सर्व विभागीय आयुक्त

आयुक्त, अपंगकल्याण, महाराष्ट्र राज्य, पुणे

संचालक, समाजकल्याण, महाराष्ट्र राज्य, पुणे

संचालक, वि.जा.भ.ज. व इ.मा.व. संचालनालय, पुणे

सर्व जिल्हाधिकारी

सर्व मुख्य कार्यकारी अधिकारी, जिल्हा परिषद.

सर्व विभागीय समाजकल्याण अधिकारी

सर्व विशेष जिल्हा समाजकल्याण अधिकारी

सर्व समाजकल्याण अधिकारी, जि.प.

कक्ष अधिकारी, आस्था-२, सामाजिक न्याय व विशेष सहाय्य विभाग / विभागातील सर्व कार्यासने/ निवड नस्ती-सुधार-३.

# SHORT LISTED / FINALIZED ACCESS TECHNOLOGY PRODUCTS FOR THE BLIND EMPLOYEES OF GOVT. OF MAHARASHTRA

(Important Note - Only Proprietary Products prices are fixed)

Date : 16 May 2011

PRODUCT NAME	SPECIFICATIONS OF THE PRODUCTS	SUPPLIER NAME	COST	SKILLS COVERED	JOB PROFILE / ROLES
SCREEN READER					
1. JAWS For Windows (JFW)	Job Access With Speech (JAWS) Current version 12.0.	<b>Authorized Dealer</b> Mr. Ram Agarwal Karishma Enterprises B, 132 Maker Towers B, Cuffe Parade Mumbai 400005 Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web - <a href="http://www.karishmaenterprises.co.in">www.karishmaenterprises.co.in</a>	(PROPRIETARY PRODUCT)	Websites access	Below is a list of few jobs from different groups that can be done by Blind and Low Vision with the help of Access Technology, Gadgets and devices.
JAWS PROFESSIONAL TALKING SOFTWARE FOR BLIND (ENGLISH AND HINDI)	A screen reader is a software program for a blind to access PC independently.		<b>JAWS English and Hindi - Screen Reader program</b> Comes with 3 authorization keys for internet registration to be installed on upto 3 computers in the same office. Also works with Marathi fairly well since the script is similar like Hindi. Includes TTS - Indian accent Sangeeta and Hindi Lekha	Email client programs access	
	JAWS works very well with standard Windows applications such as Word, Excel, Power Point, Internet Explorer, Outlook Express etc. It is a powerful tool that can also be customized for non-standard products or non-standard applications that are available in the market. The customization has to be done by trainers/technicians familiar with JAWS		<b>Rs. 45,945/- Qty. - 1</b>  <b>JAWS Professional Talking Software</b> for Blind (English and Hindi) with USB Dongle comes with a USB lock and can be installed on 1 computer includes TTS - Indian accent Sangeeta and Hindi Lekha.	Microsoft office products like word, excel, power point access	
			<b>Rs. 18,660/- Qty. - 1</b>  <b>Combo offer of JAWS Professional Talking Software for the Blind + MAGIC professional without speech Screen Magnification software for partial blind/low vision + Open Book OCR scanning and reading software for blind and partial blind/low</b>	Windows operations access	
				Data entry on computer in English  Reading accessible pdf documents e.g. GRs, Notifications.  Telephone operators can use of excel and other computer applications for finding numbers, entering new numbers, record keeping, messaging, etc.	<b>Group A</b> Information Services, Faculty, Lecturer / Professor / Reader, Programmer, Information Officer, Law Officer, Personnel Officer, Training Officer, School Principal, etc.

			<p><b>vision.</b> <b>Rs. 78,625/- Qty. - 1</b></p>	<p>Communication purposes - emails, etc.</p> <p>Marathi typing with the help of Hindi language support screen reader.</p> <p>Online work on websites e.g. <a href="http://www.maha.gov.in">www.maha.gov.in</a></p> <p>Access to Hindi and Marathi websites and text</p> <p>E-Governance environment as many things he/she can do independently with supporting appropriate access technology.</p>	<p><b>Group B</b> Admin officer, Administrator, Office Superintendent, Executive Assistant, Editor, Hindi Officer, Labour Officer, I.T.W. officer, Librarian, Public relation Officer, Resource Officer, Teacher / Instructor, Internet Professional, Personnel Officer, Social Worker, Physiotherapist, etc.</p>
2. Dolphin Supernova	<p>SuperNova is a full screen reader offering magnification, speech and Braille support, giving people with visual impairment the freedom to access Windows in the way that suits them best. SuperNova has been developed for all visually impaired users, from low vision to blind.</p>	<p><b>Authorized Dealer</b> Ms. Shilpi Kapoor BarrierBreak Technologies Office No. 102, Highway Commercial Complex, B Pater Road, Opposite Laghu Udyog Industrial Estate, Goregoan (E), Mumbai - 400 063. Telephone: +91 (22) 2685 9730 / 2686 0485/6 Email - <a href="mailto:info@barrierbreak.com">info@barrierbreak.com</a> Web - <a href="http://www.barrierbreak.com">www.barrierbreak.com</a></p>	<p><b>(PROPRIETARY PRODUCT)</b></p> <p>Dolphin Supernova Access Suite - 3 activations Rs. 17,100/- Qty. 1 to 10</p> <p>Dolphin Supernova Reader - 3 activations Rs. 13,680/- Qty. 1 to 10</p> <p>Dolphin Supernova Reader and Magnifier - 3 activations Rs. 12,312/- Qty. 1 to 10</p>	<p>Have both screen reader and screen magnifier support so both blind and low vision can perform computer access work.</p> <p>Also support s Hindi and Marathi TTS.</p> <p>Other skills covered same as above.</p>	<p><b>Group C</b> Physiotherapist, Translator, Language Specialist, Social Worker, Legal Assistant, Teacher, Steno, Typist English and Marathi, Computer Operator, Telephone Operator, Communication</p>
Dolphin Pen	<p>USB version of dolphin access suite</p>		<p><b>(NON-PROPRIETARY PRODUCT)</b></p>		

3. NVDA - Open Source Screen Reader	NVDA - non visual desktop access Open Source Free Screen Reader. Supports English and Hindi. Latest version - 2011.1 NVDA supports windows OS.	Website to download - <a href="http://www.nvda-project.org">www.nvda-project.org</a>	Free	Same as above.	Operator, Receptionist, Front / Info Desk, etc.  Group D Office Attendant, Delivery Person, Assistant, Helper, etc.
4. ORCA	Screen access (screen reader and screen magnifier both) software for Linux OS  ORCA is an in-built screen reader and magnifier for Linux distributions.  It works best with Ubuntu Linux distro	Linux Ubuntu - open source product Website to download <a href="http://live.gnome.org/Orca">http://live.gnome.org/Orca</a>	Free	Can work on Linux systems.	
SCREEN MAGNIFIERS (3 sub categories)					
Computer Based Magnifiers	A screen magnifier is a software program for low vision and visually impaired persons to access PC independently.  MAGic - Magnify your PC screen up to 36 times. Also has magnification modes and can change contrast, etc	Authorized Dealer Mr. Ram Agarwal Kanshma Enterprises 132 Maker Towers B, Cuffe Parade Mumbai 400005	(PROPRIETARY PRODUCT)  MAGic Professional without speech screen magnification software for partially blind and low vision Comes with 3 authorization keys for	Computer operation skills with zoomed display. Reading skills with magnifiers	
1. MAGic					

	You can with speech and without speech versions.	<p>Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web - <a href="http://www.karishmaenterprises.com">www.karishmaenterprises.com</a></p>	<p>internet registration to be installed on upto 3 computers in the same office. <b>Rs. 13,095/- Qty. - 1</b></p> <p><b>MAGic Professional with speech</b> screen magnification software for partially blind and low vision Comes with 3 authorization keys for internet registration to be installed on upto 3 computers in the same office. <b>Rs. 21,310/- Qty. - 1</b></p>		
2. Supernova	Same as above.	<p><b>Authorized Dealer</b> Ms. Shilpi Kapoor BarrierBreak Technologies Office No. 102, Highway Commercial Complex, IB Patel Road, Opposite Laghu Udyog Industrial Estate, Goregoan (E), Mumbai - 400 063. Telephone: +91 (22) 2685 9730 / 2686 0485/6 Email - <a href="mailto:info@barrierbreak.com">info@barrierbreak.com</a> Web - <a href="http://www.barrierbreak.com">www.barrierbreak.com</a></p>	<p><b>(PROPRIETARY PRODUCT)</b> <b>Dolphin Supernova Magnifier</b> - 3 activations <b>Rs. 9,576/- Qty. 1 to 10</b></p>		
<ul style="list-style-type: none"> <li>• CCTV</li> <li>1. Bonita</li> </ul>	<p>Bonita - portable mouse CCTV print magnifier a powerful portable hand-held digital reading aid designed for people with low vision</p> <p>It is the size of a computer mouse and</p>	<p><b>Authorized Dealer</b> Mr. Ram Agarwal Karishma Enterprises 132 Maker Towers B, Cuffe Parade Mumbai 400005 Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web -</p>	<p><b>(PROPRIETARY PRODUCT)</b> Bonita CCTV system <b>Bonita portable mouse reading device</b> for partially blind/low vision - <b>TV edition</b> for connection to any standard television <b>Rs. 5,910/- Qty. 1</b></p> <p><b>Bonita portable mouse reading device</b></p>	<p>Reading device for low vision person or for partially blind.</p>	

	connects directly to any TV or a monitor with video input	<a href="http://www.karishmaenterprises.co.in">www.karishmaenterprises.co.in</a>	for partially blind/low vision - PC edition for connection to a computer or laptop with USB Rs. 7,610/- Qty. 1		
2. Customized CCTV systems	They are customized solution provided by local manufacturers according to user needs.		(NON-PROPRIETARY PRODUCT)		
<ul style="list-style-type: none"> <li>Video Magnifiers</li> </ul> 1. Ruby	A useful portable video magnifier for low vision person with excellent features.	<p><b>Authorized Dealer</b> Mr. Ram Agarwal Karishma Enterprises 132 Maker Towers B, Cuffe Parade Mumbai 400005 Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web - <a href="http://www.karishmaenterprises.co.in">www.karishmaenterprises.co.in</a></p>	<p>(PROPRIETARY PRODUCT)</p> <p>Ruby - Portable Reading device (video magnifier) for partial blind. Rs. 26,785/- Qty. 1</p>	For reading print and handwritten text from different types of documents. No language barrier as this can magnify anything.	
2. Optelec Compact Mini		<p><b>Authorized Dealer</b> Ms. Shilpi Kapoor BarrierBreak Technologies Office No. 102, Highway Commercial Complex, 18 Patel Road, Opposite Laghu Udyog Industrial Estate, Goregoan (E).</p>	<p>(PROPRIETARY PRODUCT)</p> <p>Compact Mini - pocket video magnifier from Optelec Rs. 11,700/- Qty. 1 to 10</p>		



		<p>Mumbai - 400 063. Telephone: +91 (22) 2685 9730 / 2686 0485/6 Email - <a href="mailto:info@barrierbreak.com">info@barrierbreak.com</a> Web - <a href="http://www.barrierbreak.com">www.barrierbreak.com</a></p>		
<b>LOW VISION AIDS</b>	<p>A range of magnifiers and lenses</p> <p>Different Types of magnifiers are available depend on user's need</p> <p>Only for low vision and partially sighted employees</p> <p>Only optical type LV devices like magnifiers, lenses, telescopes, etc.)</p> <p>LVA are low cost solutions for partially blind and low vision.</p>	<p>(NON-PROPRIETARY PRODUCT)</p> <p>1. TEJCO MARKETING 111, Anand Dham 10th Road, Khar (W) Mumbai - 400 052 Tel: 22-2649 7318 Email: <a href="mailto:telcogroup@rediffmail.com">telcogroup@rediffmail.com</a> <a href="mailto:shraddhar@gmail.com">shraddhar@gmail.com</a></p> <p>2. Balwalia &amp; Horni Private Limited 614, Jagannath Shantersheth Marg, Dhobi Talao, Mumbai 400 002. Tel: (022) 2201 4906, 2201 4923, 2205 4385 Fax: (022) 2206 4363</p> <p>3. Lense! Optics Pvt Ltd 66/2, D2, MIDC, Chinchwad, PUNE 411019, India Cell: +919890493840 and +919422650076. Tel: 91-20 27474340, 66111722 Fax: 91-20 27470212</p>	<p>(NON PROPRIETARY PRODUCT)</p> <p>Purchased from office expenditure or Reimbursement scheme for employees</p> <p>For Sarva Shiksha Abhiyan (SSA) school children - rate contract region wise, etc</p> <p>Cost in the range from Rs. 100/- to Rs. 1000/-</p>	



			lensel_optics@gmail.com lensel@vsnl.com		
			4. Dr Ramesh N Sathe Unique Educational Equipments 820, Bhawani Peth, Sathe Complex, Pune-411042 Phone : + 91 - 0 - 9850000854 asatha@vsnl.com <a href="http://www.uniquelowvision.com">http://www.uniquelowvision.com</a>		
			5. Many local manufacturers of CCTV, LVA		
<b>REFRESHABLE BRAILLE DISPLAY</b>	1. Apex and mPower from HumanWare (Notetaker)	Refreshable Braille Displays or Focus/Power Display -  Tactile monitor that allows users to navigate and read information appearing on the screen in Braille.  Many electronic Notetakers are based on customized software using a voice synthesizer in a purpose built device. These notetakers have either a typewriter style keyboard or a Braille keyboard with each key representing a dot of the		Note - Quotation not received.	Taking dictations and typing on computer - both English and Marathi

	Braille cell.				
2. PAC Mate from Freedom Scientific	PAC Mate (speech output only Braille/QWERTY keyboard), 20 cell Braille display or 40 cells. Also useful for Deafblind	Authorized Dealer Mr. Ram Agarwal Karishma Enterprises 132 Maker Towers B, Cuffe Parade Mumbai 400005 Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web - <a href="http://www.karishmaenterprises.com">www.karishmaenterprises.com</a>	(PROPRIETARY PRODUCT)  PacMate portable talking screenless computer for blind Rs. 65,297/- Qty. 1		
Braille Shorthand Machine	A specialized Braille Typewriter for shorthand  It is possible to write continuously with 10 meter long paper tape. Blind uses 6 keys Braille entry while taking dictation. There are Braille steno shorthand codes in developed in English and Marathi.	AIMCO - Artificial Limbs Manufacturing Corporation of India G T. Road, Kanpur - 208016 Ph.: 91-512-2770172, 2770897, 2770817 Fax: 91-512-2770617, 2770870, 2770172 Web: <a href="http://www.artlimbs.com">http://www.artlimbs.com</a> E-mail: <a href="mailto:alimco_hq@vsnl.net">alimco_hq@vsnl.net</a>	Note - This product seems to be a proprietary item. Please contact ALIMCO, KANPUR HQ and they will provide proprietary certificate. This product is very important for blind stenos.	Taking dictations Braille slates Braille steno typewriter Electronic notetakers	
OCR					
1. Fine Reader	Optical Character Recognition technology allowed blind person to scan and read / store any printed document. Supports English Language  Application is standard	Fine reader is an off-the-shelf mainstream product. Can be purchased from local Computer peripheral shops.	(NON-PROPRIETARY PRODUCT)	Reading bills, letters, receipts, Court orders etc.  Reading hard copies printed in English language  Useful in educational	

	Window program and can be operated with screen reader / screen magnifier. Need a PC and a scanner device for scanning purpose.  Fine Reader is a mainstream product			and employment  Gives access to printed pages / books. User can store scanned documents in different formats.	
2. Open Book	Optical Character Recognition technology allowed blind person to scan and read / store any printed document. Supports English Language  Application is Self voicing. Need a PC and a scanner device for scanning purpose.  OCR software for blind developed by Freedom Scientific	<b>Authorized Dealer</b> Mr. Raim Agarwal Karishma Enterprises 132 Maker Towers B, Cuffe Parade Mumbai 400005 Tel: 022-22181853 Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a> Web - <a href="http://www.karishmaenterprises.com">www.karishmaenterprises.com</a>	<b>(PROPRIETARY PRODUCT)</b>  <b>Open book OCR scanning and reading software for blind and partially blind/low vision.</b>  It is used in combination with a flat bed scanner and PC which converts printed text (English) into e-text format. Comes with 3 authorization keys for internet registration to be installed on upto 3 computers in the same office. <b>Rs. 42,030/- Qty. 1</b>	Same as above	
<b>TALKING DEVICES</b>					
1. Talking Calculator	Simple calculator having all the keys and operation spoken		<b>(NON-PROPRIETARY PRODUCT)</b>  Purchase from office expenditure	Calculations and finance work is possible. Students and employees can use it at various stages.	

2. Scientific talking calculator	Advanced and scientific calculator having all the keys and operation spoken.		(NON-PROPRIETARY PRODUCT)	Advanced calculations, higher maths calculations for teachers, students, etc.
<b>TALKING LABELER</b>				
1. PENfriend	The PENfriend is a lower cost alternative that uses optical technology to store recorded information onto a small sticky label ranging from the size of about a 5 cent to a 20 cent piece.		(NON-PROPRIETARY PRODUCT)	For labeling various things like files, drawers, etc.
<b>RECORDERS</b>				
1. Angel	Digital Recorders - for quality audio recording from several minutes to hours.	<p><b>Authorized Dealer</b>  Mr. Ram Agarwal  Karishma Enterprises  132 Maker Towers B,  Cuffe Parade  Mumbai 400005  Tel: 022-22181853  Email - <a href="mailto:ke@vsnl.com">ke@vsnl.com</a>  Web - <a href="http://www.karishmaenterprises.com">www.karishmaenterprises.com</a>  022-22181853</p>	(PROPRIETARY PRODUCT) Angle - digital recorder and multifunctional device for blind and low vision Rs.5,335/- Qty. 1	<p>A steno can also use recorder for taking dictations.  Also blind employee can record addresses, numbers, etc.  Useful for school teachers / training officers / professors for recording purpose.</p>
2. Buddy	A specially developed self voicing recorders having multiple functions as recorder, DAISY	2. Saksham Trust 486 Double Storey New Rajinder Nagar	Note - Quotation not received.	

	player, etc.	New Delhi 110060 Telefax: +91-11-4241 1015			
<b>HARDWARES</b>					
1. Scanner	A basic flat bed scanner device Size A4	Computer peripheral shops	(NON-PROPRIETARY PRODUCT) Office Hardware - PC peripheral	For scanning purpose	
2. TFT / LCD monitor	A Flat screen either widescreen on square itself work as a magnifier for people with visual impairment and poor / low vision. 19 inch or larger size.	Computer peripheral shops	(NON-PROPRIETARY PRODUCT) Office Hardware - PC monitor	Computer access	
<b>SPECIALIZED EQUIPMENTS</b>					
1. IFT - Interferential Test		Authorized Dealer Viji Cheriyan CEO Unique Medical Appliances No.8, Raghuvanshwadi, Near Mahabare Hospital, S.V.Road, Dahisar (E), Mumbai -400068 Contact No: 022- 28973513/ 32939272 Email: <a href="mailto:unique.india@yahoo.com">unique.india@yahoo.com</a> Website: <a href="http://www.uniquemedicals.com">www.uniquemedicals.com</a>	(PROPRIETARY PRODUCT) IFT - Rs.35,000/- Qty. 1	Useful for physiotherapist in electro therapy treatment	
2. Short wave diapharmy		Tapsi Electro Medical Systems and Services, Mr. Bharat Galia, Director	Note - Quotation not received		

210, Ashram Avenue, B/H  
 Kochrab Ashram, Paldi,  
 Ahmedabad - 380006  
 Gujarat - India  
 Contact No: +91-98240-  
 32796  
 Email: [info@tapsiindia.com](mailto:info@tapsiindia.com)  
 Website: [www.tapsiindia.com](http://www.tapsiindia.com)

## Acronyms Used

AT - Access Technology  
 LV - Low Vision  
 LVA - Low Vision Aids  
 GOM - Govt. Of Maharashtra  
 CCTV - Close Circuit TeleVision  
 OS - Operating System  
 GUI - Graphical User Interface

**THIS LIST WILL BE REVISED PERIODICALLY AS THERE ARE NEW DEVELOPMENTS AND INNOVATIONS HAPPENING IN THE FIELD OF ACCESS TECHNOLOGIES.**